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BULLETIN NO. 11

OF THE

WEST VIRGINIA

Agricultural Experiment Station.

SEPT. 1890.

I. Meterological report for September.

II. Reports of Correspondents upon Meteorology and Crops for September.

BY JOHN A. MYERS,

DIRECTOR.

The Director does not hold himself responsible for the opinions expressed by Correspondents.

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1890.

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METEOROLOGICAL OBSERVATIONS FOR SEPTEMBER, 1890.

West Virginia Agricultural Experiment Station, Morgantown, W. Va.

Date.	Pressure Barometer and Thermometer Reduced to Freezing Point.						Humidity Hygrometer.				Standard Thermometer.				Maximum and Minimum Thermometer.			Clouds, Percentage of.				State of Weather.			Precipitation.			Direction of Wind.		
	7 a m	7 pm	2 p m	2 pm	9 p m	9 pm	7 am	2 pm	9 p m	Av	7 a m	2 p m	9 p m	Av	Max.	Min.	Range.	7 a m	2 p m	9 p m	Av	7 am	2 pm	9 pm				9 am	2 pm	pm
1	28.936	64	28 922	72	28.922	72	75	78	88	77	52	68	65	61.6	70	49	21	.....	.....	.....	.....	cl	cl	cl				s e	n	n
2	28.938	61	28 836	71	28.814	79	87	71	83	82	57	77	70	68	75	56	19	.....	60	.....	20	cl	m	cl				n	s w	s e
3	28.914	68	28.814	82	28.842	79	88	72	79	79	60	82	73	71.6	79	55	24	.....	.....	.....	.....	cl	cl	cl				n	s w	n
4	28.842	69	28.732	83	28.750	81	88	80	79	82.3	64	83	77	75 3	82	61	21	.....	60	15	25	cl	m	c				n w	s w	n
5	28.832	76	28.758	81	28 736	81	88	90	89	89	71	80	75	75.3	84	62	22	100	100	100	100	cov	cov	cov	2		.19	s w	s w	e
6	28.722	77	28.704	77	28.744	78	89	89	89	89	75	75	75	75	80	70	10	100	100	.....	66	cov	cov	cl	2			s	s w	e
7	28.714	72	28.706	82	28.722	81	89	81	79	82.6	74	84	77	78.3	75	71	4	50	.....	25	25	m	cl	c			1.46	s w	w	s e
8	28.724	79	28.712	87	28.732	83	89	72	82	81	71	87	81	76	84	67	17	25	25	100	50	c	c	cov	1		.07	s w	s w	s w
9	28 752	78	28.724	80	28.736	83	89	80	89	86	74	82	76	77	87	70	17	100	50	100	99	cov	ov	cov	2		.63	s w	n	s w
10	28 736	77	28.732	84	28.702	82	89	89	89	89	74	84	76	79.3	80	72	8	100	75	80	55	cov	ov	ov	1		.86	n	n	n
11	28 746	75	28 616	82	28.722	80	88	80	89	85.6	69	85	77	70.5	84	66	18	75	31	80	61	ov	c	ov	1		.04	n	s w	n
12	28.622	74	28.758	80	28 602	79	79	90	89	86	72	80	75	78.6	84	67	17	100	80	100	93	cov	ov	cov	1		.31	s w	s w	s e
13	28.548	74	28 548	77	28 712	76	83	88	83	88	70	74	67	71.6	70	74	67	100	70	100	90	cov	ov	cov	3		.27	s	s	s
14	28 732	60	28.714	74	28 724	70	76	79	88	81	58	74	69	67	74	56	18	75	75	.....	50	cov	ov	cl				n	s w	s
15	28.646	66	28.634	76	28.618	72	89	89	89	89	75	78	72	74.6	72	56	16	25	50	40	30	m	m	c				n w	s w	s w
16	28 636	68	28 608	74	28.638	66	78	79	83	80	67	75	67	79.6	78	63	15	80	70	.....	50	ov	ov	cl	2	1	.67	s w	s	s
17	28.732	63	28 712	70	28.732	68	83	88	78	83	62	71	65	63.4	73	62	11	100	75	75	83	cov	ov	ov				n w	n w	n w
18	28.804	60	28.724	74	28.728	66	88	79	88	83	59	75	65	69	71	56	15	.....	.....	.....	.....	cl	cl	cl				n w	n e	n w
19	28.716	58	28.522	70	28 656	70	87	63	89	79 6	57	79	71	63	75	55	20	.....	50	100	50	cl	m	cov	1		.18	s w	s w	s w
20	28.832	62	28.938	68	28.838	60	77	78	76	77	60	66	57	64.3	78	55	23	70	60	20	50	ov	m	c				n	n	n
21	28 738	52	28.728	72	28.712	64	86	73	63	74	50	73	63	60.6	67	49	18	.....	.....	.....	.....	cl	cl	cl				n e	n	n
22	28 744	64	28 708	71	28.748	72	88	83	88	88	59	69	66	64.6	73	48	25	100	100	100	100	cov	cov	cov				n	s w	s
23	28.742	74	28.638	76	28.744	73	88	63	88	79.6	60	76	63	67	67	58	9	.....	.....	30	10	cl	cl	c				s w	s	n
24	28 838	61	28.822	72	28.852	68	87	78	76	80.3	54	70	57	61.6	76	52	14	.....	.....	.....	.....	cl	cl	cl				n	n	n
25	28 828	58	28.724	73	28.712	71	79	79	79	79	54	74	65	60.5	68	53	15	.....	.....	.....	.....	cl	cl	cl	1		.03	n	e	n w
26	28 634	65	28.542	71	28 632	72	88	88	88	88	62	67	67	65	73	52	21	100	100	100	100	cov	cov	cov	2		.99	s e	s w	s w
27	28.624	70	28.704	64	28.822	66	88	77	87	84	55	50	65	56.3	68	59	9	100	100	100	100	cov	cov	cov	3		.16	n	n	n
28	28.712	61	28.848	68	28.836	66	74	67	76	72 3	47	64	55	53.2	68	45	18	.....	.....	.....	.....	cl	cl	cl				n	n	n e
29	28 828	56	28.812	73	28.816	68	77	77	77	77	48	65	60	54.5	63	45	18	.....	75	75	50	cl	ov	ov				e	e	n
30	28 836	61	28 838	69	28.812	71	79	79	79	79	54	61	62	57.3	63	47	16	90	80	100	90	ov	ov	cov				e	n e	n
															Highest.	Lowest	Range.													
	28.754	66.7	28.725	75. 1	28.746	76.5	84 .6	79 .4	83.5	82.5	62.1	74.3	68.4	68.2	84	45	39	43.	47.5	45.	45 1				22		5.86			

REPORT OF GEO. T. EGBERT.

RAVEN'S EYE, Fayette Co., W. Va.

For Month of September, 1890.

Have had frequent rains during the month. Corn up to the average. Buckwheat fair. Grass excellent. Delay in frost has allowed corn to mature. Condition of live stock good. Market for cattle slightly improved, although the supply is far in excess of demand. Sheep scarce and high. No new enterprises being developed.

REPORT OF J. P. HALE.

CHARLESTON, Kanawha Co., W. Va.

For Month of September, 1890.

Weather pleasant and seasonable. Rainfall a little more than average. No snow. Corn crop less than usual on account of late planting and too much wet weather for working. Wheat about three-quarter crop. Oats about ninety per cent. Barley and buckwheat none raised. Grass above average. Fruit nearly a failure. Condition of live stock about average. Market about average. No new enterprises being developed. It is believed that Alfalfa or Mexican clover would do well here but has not been tried.

REPORT OF S. A. HOUSTON.

PICKAWAY, MONROE Co., W. VA.

For Month of September, 1890.

Weather very dry, only one decent shower. Condition of corn one half crop. Wheat one-half crop. Grass in some parts of county burnt up. Oats one-third crop. No fruit. No barley raised Buckwheat very much injured. Stock not as fat as usual at this season; troubled to some extent by horn fly. Market low. Creamery and Improved Mills are the new enterprises here. The principal farming industry is stock raising. It does not pay to raise a surplus of any crop at present prices.

REPORT OF EUGENE BAKER.

LEETOWN, JEFFERSON CO., W. VA.

For the Month of September, 1890.

Weather cool with slight rain. Corn not up to the average. Wheat about average. Grass looking well. Began seeding wheat about September 21st and cutting corn at the same time. Very few apples, grapes or pears. No peaches. All kinds of stock looking fairly well and seem to be in healthy condition. Market slow. A canning factory about to be established and the ore beds are soon to be worked, are the new enterprises being developed. The principal farming industries are grain and stock raising, creameries, canning factories and the raising of tobacco. Our county fair showed an increase in machinery, live stock and farm products.

REPORT OF W. E. KISEN.

FRANKLIN, PENDLETON, CO., W. VA.

For the Month of September, 1890.

The weather has been fine, with plenty of rain. Corn one-half crop. Wheat one-half crop. Oats light. Buckwheat light, not more than one-half crop. Grass good, above average. Fruit entire failure. Cattle in good condition, prices low. Horses in good condition, no demand. Sheep, prices good. Swine scarce and high. Poultry scarce. No new enterprises, but there is a company now being organized to boom the county. Stock raising the principal farming industry.

REPORT OF R. A. ALEXANDER.

CHARLESTOWN, JEFFERSON CO., W. VA.

For Month of September, 1880.

Weather moderate. Corn, wheat and grass very good. Live stock in fine condition. Market fair. The Land Improvement Company is the only new enterprise being developed. Wheat and corn are the principal farming industries, and I think our county as well adapted for raising tobacco as Lancaster county, Pennsylvania, if the farmers can be induced to try the experiment.

REPORT OF LEE H. MOLER.

MOLER'S, Jefferson Co., W. Va.

For Month of September, 1890.

Condition of weather wet and murky. More than one-half

the time have had rainfall. Corn fair, average crop. Wheat not up to average yield. Fall pasturage in excellent condition. Cattle, &c., in prime condition, except distemper in mild form in certain localities among the horses. Some little demand for cattle and horses. Sheep scarce and in demand. The principal farming industries are wheat and corn.

REPORT OF ADAM FISHER.

MOOREFIELD, Hardy Co., W. Va.

For the Month of September, 1890.

Condition of the weather warm and rainy. Corn about half crop, say twenty-five bushels per acre on river bottom; hills very little. Oats light. Hay abundant and good. Fruit none. Condition of stock good. Sheep in demand Other stock dull. No diseases among them. A large tannery will be built near Moorefield at once. It is the only new enterprise. The principal farming industries are corn, hay and stock raising.

REPORT OF S. R. HANEN.

GLEN EASTON, MARSHALL Co., W. VA.

For Month of September, 1890

Weather bad. Unfavorable for work. Excessive rainfall for September. Corn about 65 per cent. Droughts in July, damaged by wind in August and rain in September. No wheat sowed yet. Fruit crop entire failure. Grass abundant. Condition of live stock good generally. Sheep in demand with good prices offered. Horses fair price Swine fair, average price. Cattle, thrifty, but prices low. The principal farming industries are in raising corn, wheat, oats and hay.

REPORT OF W. A. MORGAN.

SHEPHERDSTOWN, JEFFERSON Co., W. VA.

For the month of September, 1890.

The weather has been unusually warm with frequent rains. The corn is now being cut. It shows a good crop from the appearance in the field; it seems to be well matured and stand well in the shocks. Live stock in good condition. The market for cattle and hogs good, and for sheep too, but supply is insufficient to demand. Pasture in fine condition. The old "Shanondale Springs," a watering place, has been rebuilt recently as a summer resort. The only enterprise developed since last report. Wheat,

corn, oats and potatoes, &c , are the principal farming industries, and the prices are better than usual. Farmers feel encouraged at the prospect of better prices and better legislation for them in the future.

REPORT OF J. W. CARTER.

PLEASANT DALE, Hampshire Co., W. Va.

For the Month of September, 1890.

Weather seasonable. Quantity of rain above average. Quite warm. No frost yet. Corn well matured. About one-half crop. Buckwheat will make about three-quarter crop. Pasture good. Condition of live stock good. Some poultry have cholera. Market good for large horses. Cattle dull. Sheep scarce and high. Swine active. Poultry brings good prices. The building of a large Roller Flouring Mill, Sash Factory and Woolen Mill at Romney is now being contemplated by the Romney Land Improvement Company.

REPORT OF A. W. WESTFALL.

AUBURN, Ritchie Co., W. Va.

For Month of September, 1890.

A great deal of rain fell during the month. Corn in a much better condition than was expected a month ago. Buckwheat almost an entire failure. Grass good. Fruit in a bad condition. Stock of all kinds in a fair condition. No diseases attacking them. Market good for horses, sheep and poultry. Market for swine fair, but not as good as this time last year. The new enterprises being developed in our county are lumber and oil business. The principal farming industries are grain and stock raising. In short the county is in as good condition as could be expected.